

IN THE CLAIMS:

Please amend the claims as indicated below:

1. (Currently Amended) A client-side method of selecting a proxy server storing a web  
5 resource from among a plurality of proxy servers, said method comprising the steps of:  
receiving at said client a request for said web resource;  
determining if said web resource is a ~~predefined~~ heavy file type, wherein a given file  
type is determined to be said heavy file type if said given file type satisfies one or more predefined  
criteria based on a size of files of said given file type; and  
10 redirecting by said client said web resource request to a proxy server associated with  
said heavy file type when it is determined that said web resource is said heavy file type.
2. (Currently Amended) The method according to claim 1, wherein said ~~predefined~~  
heavy file type has an average size that exceeds a predefined threshold.  
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3. (Original) The method according to claim 1, wherein said redirecting step further  
comprises the step of accessing a proxy selection table that associates said file type to a proxy  
server.
- 20 4. (Original) The method according to claim 1, wherein said redirecting step further  
comprises the step of redirecting said request to a given proxy server based on the recent history of  
client request patterns.
5. (Original) The method according to claim 1, further comprising the step of analyzing  
25 the recent history of client request patterns.
6. (Previously Presented) The method according to claim 1, further comprising the step  
of assigning  $P \times 1/h$  of the available proxy servers to serve heavy file types, where P is the total

number of proxy servers and the heavy file types account for a fraction  $1/h$  of a total load.

7. (Currently Amended) A client-side method of selecting a proxy server storing a web resource from among a plurality of proxy servers, said method comprising the steps of:

5 receiving at said client a request for said web resource;

determining if said web resource request is served by a domain having a traffic volume that satisfies one or more ~~exceeds a predefined threshold~~ criteria; and

10 redirecting by said client said web resource request to a proxy server associated with said domain when it is determined that said web resource request is served by a domain having a traffic volume that satisfies said one or more predefined criteria.

8. (Currently Amended) The method according to claim 7, wherein said predefined ~~threshold criteria~~ criteria is based on a maximum normalized daily load.

15 9. (Original) The method according to claim 7, wherein said redirecting step further comprises the step of accessing a proxy selection table that associates said domain to a proxy server.

10. (Original) The method according to claim 7; wherein said redirecting step further comprises the step of redirecting said request to a given proxy server based on the recent history of  
20 client request patterns.

11. (Original) The method according to claim 7, further comprising the step of analyzing the recent history of client request patterns.

25 12. (Previously Presented) The method according to claim 7, further comprising the steps of sorting heavy domains in increasing order of their average file sizes, splitting said sorted list into  $P \times (1 - (1/h))$  partitions of equal load, and assigning one partition to each of the remaining proxy servers, where  $P$  is the total number of proxy servers and the heavy file types account for a fraction

1/h of the total load.

13. (Currently Amended) A client-side system for selecting a proxy server storing a web resource from among a plurality of proxy servers, said system comprising:

- 5 a memory for storing computer readable code; and  
 a processor operatively coupled to said memory, said processor configured to:  
 receive at said client a request for said web resource;  
 determine if said web resource is a ~~predefined~~-heavy file type, wherein a given file type is determined to be said heavy file type if said given file type satisfies one or more predefined  
 10 criteria based on a size of files of said given file type; and  
 redirect by said client said web resource request to a proxy server associated with said heavy file type when it is determined that said web resource is said heavy file type.

14. (Currently Amended) The system according to claim 13, wherein said ~~predefined~~  
 15 heavy file type has an average size that exceeds a predefined threshold.

15. (Original) The system according to claim 13, wherein said memory further includes a proxy selection table that associates said file type to a proxy server.

20 16. (Original) The system according to claim 13, wherein said processor is further configured to redirect said request to a given proxy server based on the recent history of client request patterns.

17. (Currently Amended) A client-side system for selecting a proxy server storing a web  
 25 resource from among a plurality of proxy servers, said system comprising:  
 a memory for storing computer readable code; and  
 a processor operatively coupled to said memory, said processor configured to:  
 receive at said client a request for said web resource;

determine if said web resource request is served by a domain having a traffic volume that satisfies one or more ~~exceeds a predefined threshold criteria~~; and

redirect by said client said web resource request to a proxy server associated with said domain when it is determined that said web resource request is served by a domain having a traffic  
 5 volume that satisfies said one or more predefined criteria.

18. (Currently Amended) The system according to claim 17, wherein said predefined ~~threshold criteria~~ is based on a maximum normalized daily load.

10 19. (Original) The system according to claim 17, wherein said memory further includes a proxy selection table that associates said domain to a proxy server.

20. (Original) The system according to claim 17, wherein said processor is further configured to redirect said request to a given proxy server based on the recent history of client  
 15 request patterns.

21. (Currently Amended) An article of manufacture for client-side selection of selecting a proxy server storing a web resource from among a plurality of proxy servers, comprising:

a computer readable medium having computer readable code means embodied  
 20 thereon, said computer readable program code means comprising:

a step to receive at said client a request for said web resource;

a step to determine if said web resource is a ~~predefined-heavy~~ file type, wherein a given file type is determined to be said heavy file type if said given file type satisfies one or more predefined criteria based on a size of files of said given file type; and

25 a step to redirect by said client said web resource request to a proxy server associated with said heavy file type when it is determined that said web resource is said heavy file type.

22. (Currently Amended) An article of manufacture for client-side selection of ~~selecting~~  
a proxy server storing a web resource from among a plurality of proxy servers, comprising:

a computer readable medium having computer readable code means embodied  
thereon, said computer readable program code means comprising:

5 a step to receive at said client a request for said web resource;

a step to determine if said web resource request is served by a domain having a traffic  
volume that satisfies one or more ~~exceeds a predefined threshold~~ criteria; and

a step to redirect by said client said web resource request to a proxy server associated  
with said domain when it is determined that said web resource request is served by a domain having  
10 a traffic volume that satisfies said one or more predefined criteria.